

EFFICIENT METHODS FOR PRODUCING ANTIMICROBIAL CATIONIC  
PEPTIDES IN HOST CELLS

ABSTRACT OF THE DISCLOSURE

Endogenously produced cationic antimicrobial peptides are ubiquitous components of host defenses in mammals, birds, amphibia, insects, and plants. Cationic peptides are also effective when administered as therapeutic agents. A practical drawback in cationic peptide therapy, however, is the cost of producing the agents. The methods described herein provide a means to efficiently produce cationic peptides from recombinant host cells. These recombinantly-produced cationic peptides can be rapidly purified from host cell proteins using anion exchange chromatography.